

**Amendments to the Specification:**

Please amend the specification as follows:

Please replace paragraph number [0130] with the following rewritten paragraph:

[0001] In the catalytic embodiment, described below, the separation step can be facilitated by incorporation of the catalyst. Because the internal pores are completely available in the sintered structure of ~~09/285,919~~ 09/286,919, a catalyst coated on the pore walls substantially increases the catalyst availability to reactants, e.g. hydrocarbons and oxygen.